

## Claims

1. A male stud of a snap fastner comprising a flange with means of attaching this to fabric material; the flange having a cyclindrical wall extending axially therefrom, the wall comprising a plurality of circumferentially extending engaging portions each engaging portion being separated from the next by a circumferentially extending non engaging portion.
2. A male stud of a snap fastner according to Claim 1 wherein at least one engaging portion extends radially outwards.
3. A male stud of a snap fastner according to any preceding claim wherein the engaging portion is arcuate or parabolic in shape.
4. A male stud of a snap fastner according to any preceding claim wherein the non engaging portion comprises a flat face.
5. A male stud of a snap fastner according to any of Claims 1 to 3 wherein the non engaging portion comprises a recess.
6. A male stud of a snap fastner according to Claim 5 wherein the recess is U-shaped, arcuate shaped or parabolic shaped.
7. A male stud of a snap fastner according to any preceding claim wherein the outer face of the engaging portions are inclined at an angle  $\beta$  to the axis of the cylinder where  $\beta$  is in the range 13 to 23°.
8. A male stud of a snap fastner according to Claim 7 where  $\beta$  is in the range 16 to 20°, and preferably about 18°.

9. A snap fastener comprising: flanged male and female members with means of attaching these to fabric material; the flange of the male member having a first cyclindrical wall extending axially therefrom, the wall comprising a plurality of circumferentially extending engaging portions each engaging portion being separated from the next by a circumferentially extending non engaging portion, the engaging portions configured to snap fit within an annular groove defined in a second cylindrical wall of the female member.
10. A snap fastener according to Claim 9 wherein the attaching means comprises a rivet or post member.
11. A snap fastener according to Claim 10 wherein the post member is mushroom shaped.
12. A male stud of a snap fastener comprising a male, engaging portion for cooperating with a female portion in use, the male portion comprising a radially protruding flange having a discontinuous outer curved surface.
13. A male stud of a snap fastener comprising a male, engaging portion for cooperating with a female portion in use, the male portion comprising a radially protruding flange having regions of greater and lesser radial protrusion circumferentially spaced therein thereby to reduce the amount of the outer circumference of the flange which abuts the female portion in use.